2-Way Remote Start and Door Lock Transmitter Package Installation (AP3)

Accessories Part Number

92213204

Kit Usage

This kit is designed to add 2-way remote start with extended range and enhanced functionality. It is for vehicles equipped with remote vehicle start from the factory (vehicles with option code AP3).

Kit Contents

Qty	Description
1	2-Way Remote Start and Information Display Receiver (2-Way RCDLR)
1	2-Way Remote Start and Door Lock Transmitter (With Information Display)
1	Extended Range Antenna
1	2-Way Advanced Remote Start Owner Manual
1	Parts Bag

Special Tools

- Scan Tool with capability of communicating on GMLAN
- Service Programming System (SPS - TIS2WEB or equivalent)
- J-46079 Tire Pressure Monitor Diagnostic Tool (if the vehicle is equipped with the Tire Pressure Monitoring System (TPMS))
- Surface Cleaner (50 percent isopropyl alcohol, FS-1082 hi-flash naphtha or equivalent)
- Adhesion Promoter GM P/N 12378462 (Canadian P/N 10953554)

Procedure

Note: Please review this entire procedure before trying to perform it.

1. Replace the factory Remote Control Door Lock Receiver (RCDLR) with the 2-way RCDLR included in the kit. See Remote Control Door Lock Receiver and Theft Deterrent Module Replacement. Do not reassemble yet.
2. Remove the passenger side "C" pillar trim. See Quarter Upper Trim Panel Replacement.

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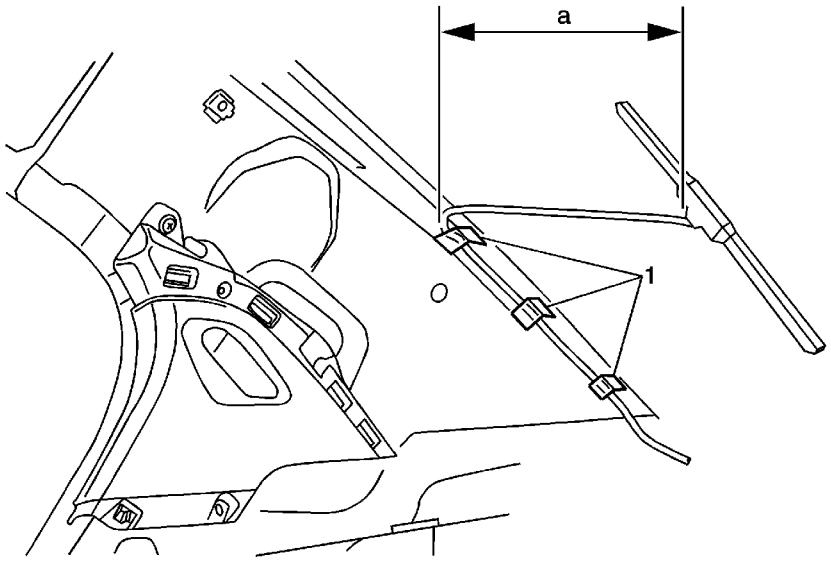
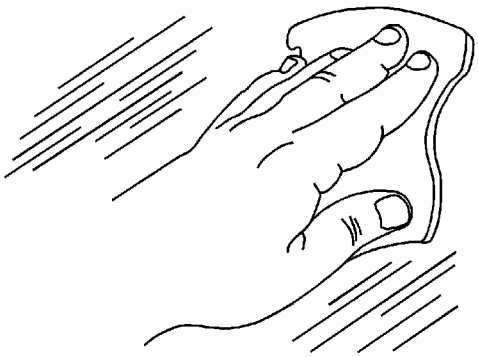


3. Secure the antenna wire to the "C" pillar sheet metal using three Argent wire wraps (1) leaving 138 mm (5 7/16 in) (a) of wire from the antenna base to the first Argent wire wrap.
4. Reassemble the passenger side "C" pillar trim.
5. Clean the antenna mounting location on the passenger side "C" pillar trim with an alcohol wipe.



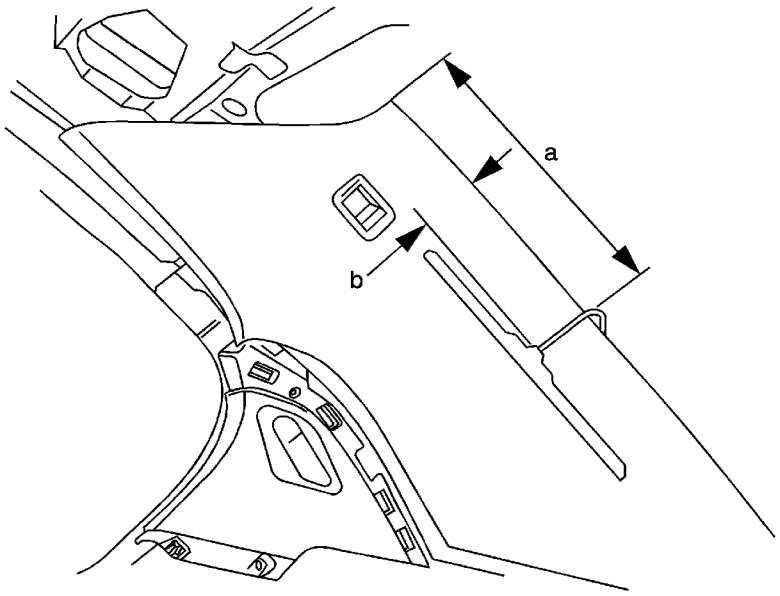
6. Dry the "C" pillar trim thoroughly using a lint free cloth.
7. Apply Adhesion Promoter GM P/N 12378462 (Canadian P/N 10953554) to the area of the "C" pillar trim where the antenna will be mounted. Follow the adhesion promoter instructions on

the product label.

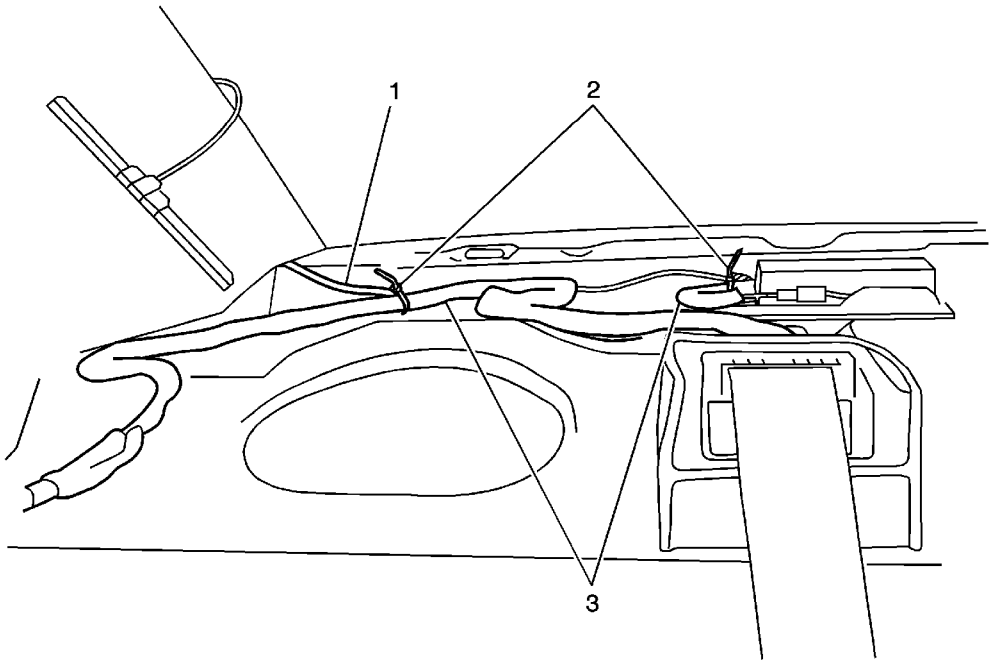
Note:

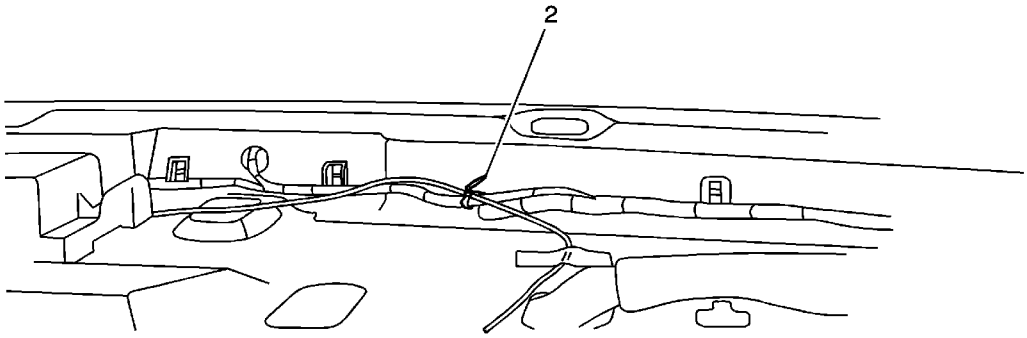
- The adhesion promoter must be used to assure adequate bonding of the antenna.
- Mask off or protect areas before applying the adhesion promoter.
- Position the antenna according to the figure provided.

8. Remove the protective film from the adhesive pad on the antenna.

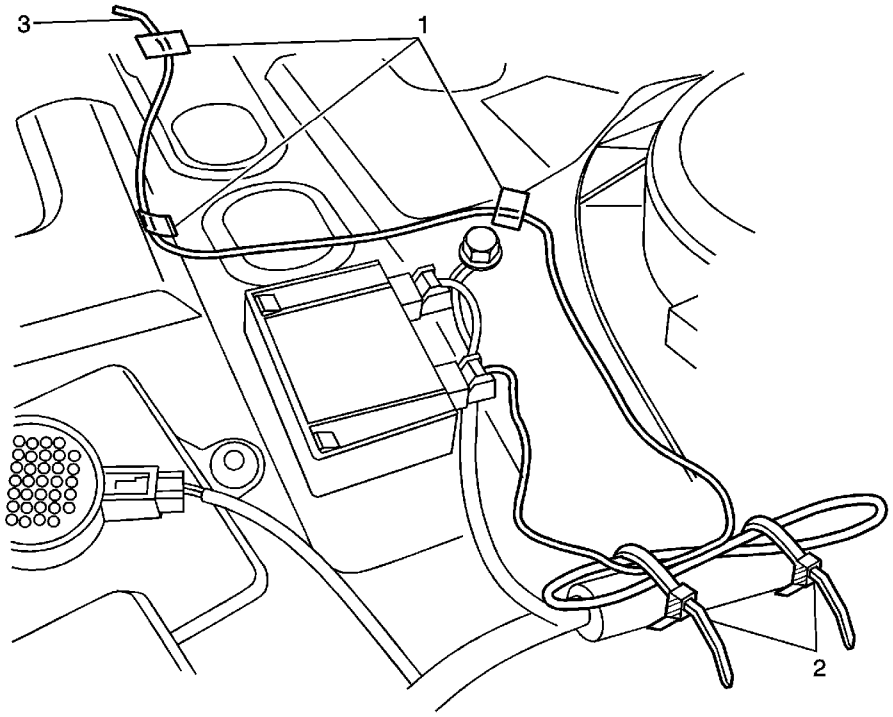


9. Using the measurements , a=340 mm (13 3/8 in) and b=55 mm (2 3/16 in), attach the antenna to the passenger side "C" pillar trim.
10. Press firmly on the antenna, including all four corners of the adhesive pad, in order to ensure proper adhesion to the trim panel.
11. Hold pressure on the antenna for 10-30 seconds.
12. Ensure that no gaps occur between the antenna adhesive pad and the "C" pillar trim.





13. Secure antenna wire (1) with three wire wraps (2), to the existing factory harness (3).



Note: If the harness is not present to secure the cable to, re-locate it from its tied back position to the body harness and clip in place. Secure the loose connectors to the foam wrapped harness with a wire wrap.

14. Continue to route the antenna wire (3) towards the RCDLR, secure with three Argent wire wraps (1). Loop the excess antenna wire in a "Figure 8" and secure to the existing wire harness with two wire wraps (2).

Note: Excess wire must be looped in a "Figure 8" no less than 100 mm (4 in) in length, failure to do this will reduce the performance of the system.

15. Remove the factory keyless entry antenna.
16. Connect the antenna to the RCDLR.
17. Program the new RCDLR. See Remote Control Door Lock Receiver Programming and Setup.
18. Using the scan tool, retrieve any Diagnostic Trouble Codes (DTCs) from all of the modules.
19. Clear all DTCs.
20. Remove the scan tool.
21. Drive the vehicle above 25 mph for at least two minutes. This is to update the tire pressure displays.
22. Operate the 2-way and factory transmitters in order to verify correct system operation. See Keyless Entry System Description and Operation. Press a command button with the vehicle ignition ON in order to synchronize the 2-way transmitter clock to the vehicle clock.
23. Add the transmitters to the customer key rings.
24. Place the 2-Way Advanced Remote Start Owner Manual in the instrument panel compartment.
25. Keep the vehicle dry. Allow 6-8 hours, at 15°C (60°F), for the antenna adhesive to cure after installation.